

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L12 and collagenase	25

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L14

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** **Monday, August 19, 2002** [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

<u>L14</u>	L12 and collagenase	25	<u>L14</u>
<u>L13</u>	L12 and (collagenase).ab.	1	<u>L13</u>
<u>L12</u>	l11 and (gelatin or collagen).ab.	57	<u>L12</u>
<u>L11</u>	gly.clm.	3506	<u>L11</u>
<u>L10</u>	Quelle-g\$.in.	0	<u>L10</u>
<u>L9</u>	l6 and GLY	3	<u>L9</u>
<u>L8</u>	l6 and stabili\$	13	<u>L8</u>
<u>L7</u>	L6 and nonantigenic	0	<u>L7</u>
<u>L6</u>	(collagenase and gelatin).clm.	17	<u>L6</u>
<u>L5</u>	(collagenase and gelatin and GLY).clm.	0	<u>L5</u>
<u>L4</u>	(collagenase and gelatin).ab.	2	<u>L4</u>
<u>L3</u>	(collagenase and gelatin and GLY).ab.	0	<u>L3</u>

DB=EPAB; PLUR=YES; OP=OR

<u>L2</u>	(collagenase and gelatin and GLY).ab.	1	<u>L2</u>
-----------	---------------------------------------	---	-----------

DB=DWPI; PLUR=YES; OP=OR

<u>L1</u>	(collagenase and gelatin and GLY).ab.	10	<u>L1</u>
-----------	---------------------------------------	----	-----------

END OF SEARCH HISTORY

Set Name Query

side by side

Hit Count Set Name

result set

*DB=USPT; PLUR=YES; OP=OR*L17 L16 and GLY 2 L17L16 L15 and (nonimmunog\$ OR additive OR adjuvant or stabilizer or nonantigenic).ab. 15 L16L15 (530/354 OR 530/356)!.CCLS. 1108 L15*DB=PGPB; PLUR=YES; OP=OR*L14 (530/354 OR 530/356).CCLS. 10 L14L13 L12 and collagen 5 L13L12 gly.ab. 16 L12L11 110 AND gly 311 L11L10 stabilizer and gelatin 1915 L10L9 14 0 L9*DB=USPT; PLUR=YES; OP=OR*L8 L7 and nonantigenic 0 L8L7 stabilizer.ti. 3498 L7L6 14 and nonantigenic.ab. 0 L6L5 L4 and gelatin.ab. 0 L5L4 sakai-y\$.in. 489 L4*DB=JPAB; PLUR=YES; OP=OR*L3 L2 and gelatin 7 L3L2 sakai-y\$.in. 4858 L2L1 yasuo-s\$.in. 1 L1

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L18 and (gelatin or collagen)	21

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index

Database: IBM Technical Disclosure Bulletins**Search:**

L19

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Monday, August 19, 2002 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR*L19 L18 and (gelatin or collagen) 21 L19L18 L17 and (adjuv\$ or stabilizer or additive or nonantigenic).ab. 288 L18L17 GLY.ab. 8499 L17L16 L15 and (collagen or gelatin).ab. 20 L16L15 (sakai-Y\$ or kutsuzawa-r\$ or onuma-m\$).in. 6340 L15*DB=USPT; PLUR=YES; OP=OR*L14 L12 and collagenase 25 L14L13 L12 and (collagenase).ab. 1 L13L12 l11 and (gelatin or collagen).ab. 57 L12L11 gly.clm. 3506 L11L10 Quelle-g\$.in. 0 L10L9 l6 and GLY 3 L9L8 l6 and stabili\$ 13 L8L7 L6 and nonantigenic 0 L7L6 (collagenase and gelatin).clm. 17 L6L5 (collagenase and gelatin and GLY).clm. 0 L5L4 (collagenase and gelatin).ab. 2 L4L3 (collagenase and gelatin and GLY).ab. 0 L3*DB=EPAB; PLUR=YES; OP=OR*L2 (collagenase and gelatin and GLY).ab. 1 L2*DB=DWPI; PLUR=YES; OP=OR*L1 (collagenase and gelatin and GLY).ab. 10 L1

END OF SEARCH HISTORY

Help

Main Menu Search Form Result Set ShowWS Numbers Edit WS Numbers

First Hit

Previous Document

Next Document

Full

Citation

Review

Classification

Date

Reference

Document Number 1

Entry 1 of 1

File:DERWENT

June 17, 1999

DERWENT-ACC-NO: 1995-158994

DERWENT-WEEK: 199521

COPYRIGHT 1998 DERWENT INFORMATION LTD

TITLE:

Peptide compsn. used as protein food for allergy associated diseases - is
prepd. by reacting base material contg. collagen or gelatin, and collagenase
enzyme

PATENT-ASSIGNEE: MIYAGI KAGAKU KOGYO KK(MIYAN)

PRIORITY-DATA: 1993JP-0249872 (September 10, 1993)

PATENT-FAMILY:

PUB-NO

JP 07082299 A

PUB-DATE

March 28, 1995

LANGUAGE

N/A

PAGES

007

MAIN-IPC

C07K 014/78

APPLICATION-DATA:

PUB-NO

JP07082299A

APPL-DESCRIPTOR

N/A

APPL-NO

1993JP-0249872

APPL-DATE

September 10, 1993

IPC: A23J003/06; A23J003/34 ; A61K038/00 ; A61L015/16 ; A61L027/00 ;
C07K014/78 ; C12P021/06

ABSTRACTED-PUB-NO: JP07082299A

BASIC-ABSTRACT: Peptide compsns. contains at least 70% of the peptide of
formula (Gly-X-Y)_n (where n = 1-3). The peptide has no antigen-action, and
a mol. wt. of up to 1000, and is prepd. by reaction of a base material
contg. collagen, or gelatin, and a collagenase enzyme. In the formula, X
and Y are not defined. The collagenase enzyme is immobilised to magnetic
carrier with upto 10 microns particle size, or bound to carrier by chemical
bonding. Dry bone, or fresh bone is pulverised, and treated with an acid,
and a collagenase enzyme prepd. from Clostridium histotikum, or Streptomyces
parvulus. USE - The peptide compsn. is used as protein food for
allergy-associated diseases. In an example, modified collagen (gelatin) (50
g) was dissolved in 20 mM HEPES buffer (500 ml), and stirred at 50 deg. C
with an enzyme soln. of collagenase enzyme (0.2 g), and 50 mM HEPES buffer
(100 ml). The mixt. was heated at 30 deg. C for 20 hrs. to form an aq.
soln. The soln. was reacted at 30 deg. C for 18-20 hrs. at pH 7.0, and
filtered by membranes of 2.0 microns and 0.45 microns to give a filtered
soln. The soln. was filtered with an ultrafilter of 5000 mol. wt., and then
1000 mol. wt. to give a peptide compsn..

CHOSEN-DRAWING: Dwg. 0/0

TITLE-TERMS:

PEPTIDE COMPOSITION PROTEIN FOOD ALLERGIC ASSOCIATE DISEASE PREPARATION
REACT BASE MATERIAL CONTAIN COLLAGEN GELATIN COLLAGENASE ENZYME

DERWENT-CLASS: B04 D1 016 P34

CPI-CODES: B04-N02B; B14-E11; B14-G02A; D05-A01A5; D05-A01B3; D05-C11;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

H1 H181 J0 J011 J1 J171 M280 M311 M321 M342
M349 M381 M391 M416 M620 M781 M903 M904 N134 N161
P431 P714 Q233 V0 V902 V911 V921

Markush Compounds

199521-25501-U

Chemical Indexing M1 *02*

Fragmentation Code

H1 H181 J0 J011 J1 J171 M280 M311 M321 M342
M349 M381 M391 M423 M510 M520 M530 M540 M620 M781
M903 M904 N134 N161 P431 P714 Q233 V902 V912 V921

Markush Compounds

199521-25502-U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers:
C1995-073641

Non-CPI Secondary Accession Numbers:
N1995-124895

Main Menu	Search Form	Result Set	ShowWS Numbers	Edit WS Numbers	
First Hit	Previous Document		Next Document		
Full	Citation	Review	Classification	Date	Reference
Help					
